

AMENDMENTS TO THE CLAIMS

Please replace all prior versions of the claims with the listing of claims that follows:

Listing of Claims:

1. (currently amended) A bearing or drive assembly, comprising:
at least two elements that are adapted for movement relative to each other,
wherein:
the at least two elements are selected from the group consisting of bearing elements and drive elements; ~~and~~
at least one element of the at least two elements includes a carrier material and a polyimide coating disposed on the carrier material;
the polyimide coating is very thin in comparison with the carrier material, with the polyimide coating having a thickness of less than 30 μm ;
the polyimide coating is a permanent lubricant, even without other special lubricants being added; and
the polyimide coating being disposed on the carrier material comprises
 - (a) immersing the at least one element into a prepolymer of polyimide so that the carrier material of the at least one element is coated with a film, and
 - (b) then polymerizing the film to form the polyimide coating, with the polymerizing of the film including tempering the at least one element.
2. (cancelled)
3. (original) An assembly according to claim 1, wherein the at least one element further includes a passivation coating that is on the carrier material at a position below the polyimide coating.
4. (currently amended) An assembly according to claim 3, wherein the at least one element further includes a pressure-resistant coating that is on the passivation coating, ~~and the pressure-resistant coating is positioned:~~

~~below the polyimide coating, or~~
~~in the polyimide coating, or~~
~~below and in the polyimide coating.~~

5. (original) An assembly according to claim 1, wherein:
the assembly is a bearing, and
the at least one element is a ring or a rolling body of the bearing.

6. (cancelled)

7. (currently amended) An assembly according to claim ~~[[2]]~~ 5, wherein the at least one element further includes a passivation coating that is on the carrier material at a position below the polyimide coating.

8. (currently amended) An assembly according to claim 7, wherein the at least one element further includes a pressure-resistant coating that is on the passivation coating, ~~and the pressure-resistant coating is positioned:~~

~~below the polyimide coating, or~~
~~in the polyimide coating, or~~
~~below and in the polyimide coating.~~

9. (currently amended) An assembly according to claim ~~[[2]]~~ 14, wherein:
the assembly is a bearing, and
the at least one element is a ring or a rolling body of the bearing.

10. (original) An assembly according to claim 3, wherein:
the assembly is a bearing, and
the at least one element is a ring or a rolling body of the bearing.

11. (original) An assembly according to claim 4, wherein:
the assembly is a bearing, and

the at least one element is a ring or a rolling body of the bearing.

12-13. (cancelled)

14. (previously presented) An assembly according to claim ~~12~~ 1, wherein the prepolymer of polyimide comprises a solution that includes an additive for improving frictional properties of the polyimide coating.

15. (previously presented) An assembly according to claim 14, wherein the additive includes a lubricant.

16. (cancelled)

17. (currently amended) An assembly according to claim ~~[[12]]~~ 14, further comprising a passivation coating on the carrier material at a position below the polyimide coating.

18. (currently amended) An assembly according to claim 17, further comprising a pressure-resistant coating on the passivation coating, ~~wherein the pressure-resistant coating is positioned:~~

~~below the polyimide coating, or
in the polyimide coating, or
below and in the polyimide coating.~~

19. (currently amended) An assembly according to claim ~~[[12]]~~ 15, wherein:
the assembly is a bearing, and
the at least one element is a ring or a rolling body of the bearing.

20. (cancelled)

21. (cancelled)

22. (previously presented) An assembly according to claim ~~24~~ 1, wherein the prepolymer of polyimide solution ~~solution~~ comprises a prepolymer solution of a dianhydride and a diamine.

23. (new) An assembly according to claim 4, wherein the pressure-resistant coating is positioned below the polyimide coating.

24. (new) An assembly according to claim 8, wherein the pressure-resistant coating is positioned below the polyimide coating.

25. (new) An assembly according to claim 18, wherein the pressure-resistant coating is positioned below the polyimide coating.

26. (new) An assembly according to claim 2, wherein the prepolymer of polyimide comprises a prepolymer solution of a dianhydride and a diamine.

27. (new) An assembly according to claim 3, wherein the prepolymer of polyimide comprises a prepolymer solution of a dianhydride and a diamine.